

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____						5. LEASE DESIGNATION AND SERIAL NO. NOO-C-5340									
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
2. NAME OF OPERATOR Dugan Production Corp.						7. UNIT AGREEMENT NAME									
3. ADDRESS OF OPERATOR P. O. Box 234, Farmington, NM 87401						8. FARM OR LEASE NAME Designated Hitter									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790' FNL - 790' FWL At top prod. interval reported below At total depth						9. WELL NO. #1									
14. PERMIT NO. _____ DATE ISSUED _____						10. FIELD AND POOL, OR WILDCAT NIPP - Pictured Cliffs									
15. DATE SPUDDED 12-12-77 16. DATE T.D. REACHED 12-18-77 17. DATE COMPL. (Ready to prod.) 1-11-78 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6093' 19. ELEV. CASINGHEAD						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 27, T26N, R12W									
20. TOTAL DEPTH, MD & TVD 1254'		21. PLUG, BACK T.D., MD & TVD 1195'		22. IF MULTIPLE COMPL., HOW MANY* Single - Gas		23. INTERVALS DRILLED BY ROTARY TOOLS 0-1254' CABLE TOOLS									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs 1128-1148'						25. WAS DIRECTIONAL SURVEY MADE No									
26. TYPE ELECTRIC AND OTHER LOGS RUN Welex IES, Bluejet - Gamma Ray Correlation						27. WAS WELL CORED No									
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
5-1/2"		14#		40'		8-3/4"		6/sx		---					
2-7/8"		6.4#		1254'		4-3/4"		240 cu ft		---					
29. LINER RECORD								30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										1-1/4"		1164'			
31. PERFORATION RECORD (Interval, size and number) 1 2-1/8" glass jet/ft 1138-1148' (10 holes) 1128-1132' (4 holes)								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED See Sundry Notice for detailed information							
33.* PRODUCTION DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing DATE OF TEST 1-19-78 HOURS TESTED 3 CHOKE SIZE 5/8" PROD'N. FOR TEST PERIOD _____ OIL—BBL. _____ GAS—MCF. 321 AOF WATER—BBL. _____ GAS-OIL RATIO _____ FLOW. TUBING PRESS. 223SI CASING PRESSURE 224 SI CALCULATED 24-HOUR RATE _____ OIL—BBL. _____ GAS—MCF. 321 AOF WATER—BBL. _____ OIL GRAVITY-API (CORR.) _____								34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____							
35. LIST OF ATTACHMENTS															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED <u>Thomas A. Dugan</u> TITLE <u>Petroleum Engineer</u> DATE <u>1-31-78</u>															

* (See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				LOG TOPS		
				Ojo Alamo	178'	
				Kirtland	230'	
				Fruitland	871'	
				Pictured Cliffs	1126'	